

## Constant Temperature and Humidity Incubator



### Introduction:

The constant temperature and humidity incubator has a precise temperature and humidity control system. It provides various environmental simulation conditions required for industrial research and biotechnology testing. Therefore, it can be widely used in sterile tests and stability inspections for pharmaceuticals, textiles, and food processing. As well as testing of raw material properties, product packaging, and product life of industrial products.

### Features:

- \* The LCD display screen features an interface for displaying real-time temperature and set temperature.
  - \* Equipped with PID microcomputer temperature control. It has a timing function, parameter memory function, and can automatically resume operation when power is restored.
  - \* The inner chamber is crafted from high-quality stainless steel with a semicircular four-corner design.
  - \* The inner door is of tempered glass structure, while the outer door adopts a magnetic door seal design.
- There is a hollow glass observation window for easy observation of the internal conditions of the equipment.
- \* It comes standard with lighting for convenient observation and a BOD socket(Typ1609) for convenient internal power supply.
  - \* Equipped with an alarm system: high temperature alarm, low water level alarm, independent overheat protection device, and over-current protection.

### Technical Parameters:

| Model                 | BJPX-HT80<br>BII                                                             | BJPX-HT100<br>BII | BJPX-HT150<br>BII | BJPX-HT200<br>BII | BJPX-HT250<br>BII | BJPX-HT300<br>BII | BJPX-HT400<br>BII |
|-----------------------|------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Capacity              | 80L                                                                          | 100L              | 150L              | 200L              | 250L              | 300L              | 400L              |
| Temp. Sensor          | PT100                                                                        |                   |                   |                   |                   |                   |                   |
| Temp. Range           | 0~65℃                                                                        |                   |                   |                   |                   |                   |                   |
| Temp. Fluctuation     | ±1℃                                                                          |                   |                   |                   |                   |                   |                   |
| Temp. Uniformity      | ±2℃                                                                          |                   |                   |                   |                   |                   |                   |
| Temp. Precision       | 0.1℃                                                                         |                   |                   |                   |                   |                   |                   |
| Humidity Range        | 50~90%RH                                                                     |                   |                   |                   |                   |                   |                   |
| Humidity Fluctuation  | ±5~8%RH                                                                      |                   |                   |                   |                   |                   |                   |
| Humidity Precision    | 1%RH                                                                         |                   |                   |                   |                   |                   |                   |
| Humidification Method | Built-in humidification system                                               |                   |                   |                   |                   |                   |                   |
| Refrigerant           | R134a                                                                        |                   |                   |                   |                   |                   | R404a             |
| Heating System        | Stainless steel heater                                                       |                   |                   |                   |                   |                   |                   |
| Timing Range          | 0~9999h(min)                                                                 |                   |                   |                   |                   |                   |                   |
| Control Type          | Microcomputer PID controller                                                 |                   |                   |                   |                   |                   |                   |
| Display               | LCD                                                                          |                   |                   |                   |                   |                   |                   |
| Material              | External cold-rolled steel with painting; internal stainless steel           |                   |                   |                   |                   |                   |                   |
| Power Supply          | AC 220V, 50Hz(Standard); 110V, 60Hz(Optional)                                |                   |                   |                   |                   |                   |                   |
| Consumption           | 1200W                                                                        |                   |                   | 1300W             |                   | 1500W             |                   |
| Shelves               | 2 pcs/ adjustable                                                            |                   |                   |                   |                   |                   |                   |
| Standard Accessories  | Socket / Lamp                                                                |                   |                   |                   |                   |                   |                   |
| Optional Accessories  | UV lamp / USB port/ Printer/ Shelves /Automatic water supply system/Test pot |                   |                   |                   |                   |                   |                   |
| Internal Size(W*D*H)  | 400*370*560mm                                                                | 400*370*680mm     | 450*420*850mm     | 450*450*1000mm    | 480*480*1070mm    | 520*500*1170mm    | 580*540*1270mm    |
| External Size(W*D*H)  | 540*580*1110mm                                                               | 540*580*1230mm    | 590*630*1360mm    | 590*660*1540mm    | 620*700*1610mm    | 660*700*1710mm    | 720*760*1810mm    |
| Packing Size(W*D*H)   | 680*730*1280mm                                                               | 680*730*1410mm    | 730*770*1570mm    | 730*800*1720mm    | 760*850*1780mm    | 800*850*1880mm    | 860*900*1980mm    |
| Net Weight            | 70kg                                                                         | 75kg              | 95kg              | 100kg             | 110kg             | 120kg             | 140kg             |
| Gross Weight          | 95kg                                                                         | 100kg             | 125kg             | 132.5kg           | 140kg             | 155kg             | 175kg             |